

Table 16.2 (a)
Melanoma of the Skin (Invasive)
Trends in U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2017 With up to Five Joinpoints
Male by Race/Ethnicity

Race/ Ethnicity	Model	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC		Comparability Ratio Estimate
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2008- 17	2013- 17	
All Races	Jump [^]	1975-87	2.4*	1987-09	0.9*	2009-14	-1.3	2014-17	-7.6*					-3.2*	-6.1*	0.9280 [§]
All Races	Comparability Ratio	1975-88	2.3*	1988-10	0.6*	2010-14	-1.5	2014-17	-7.5*					-3.1*	-6.0*	0.9677 [§]
All Races	Standard Joinpoint	1975-87	2.4*	1987-97	0.9*	1997-00	-1.7	2000-09	1.0*	2009-14	-1.4*	2014-17	-7.6*	-3.2*	-6.1*	
White	Jump [^]	1975-87	2.5*	1987-09	1.0*	2009-14	-1.0	2014-17	-7.4*					-3.0*	-5.8*	0.9279 [§]
White	Comparability Ratio	1975-87	2.6*	1987-10	0.7*	2010-14	-1.3	2014-17	-7.3*					-2.9*	-5.8*	0.9677 [§]
White	Standard Joinpoint	1975-87	2.5*	1987-97	1.0*	1997-00	-1.6	2000-09	1.1*	2009-14	-1.1	2014-17	-7.4*	-3.0*	-5.8*	
Black	Jump [^]	1975-17	-1.4*											-1.4*	-1.4*	1.1204
Black	Comparability Ratio	1975-17	-0.9*											-0.9*	-0.9*	0.9677 [§]
Black	Standard Joinpoint	1975-17	-1.0*											-1.0*	-1.0*	

[^]Indicates the final selected model.

Joinpoint Regression Program Version 4.8, April 2020, National Cancer Institute. (<https://surveillance.cancer.gov/joinpoint/>).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

^f Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
The Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^g Data for American Indian/Alaska Native are based on the PRCDA(Purchased/Referred Care Delivery Areas) counties.

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

[§] Significant at level 0.05 for test of Comparability Ratio = 1.